Indiana Office of Technology (IOT)
Information Technology Standard (ITS) 05-2

Technology Profile: Security and Privacy

Specific Area: Encryption

Purpose: To establish a standard encryption algorithm to meet the state and federal needs in securing sensitive information.

Standard: In order to protect sensitive unclassified information from potential malicious attacks, capture, or use the Federal Government, National Institute of Standards and Technology (NIST) approved the Advanced Encryption Standard (AES) algorithm for a federal agencies use.

The State of Indiana in meeting HIPAA security rules as well as providing an encryption standard for the state use. The state will use the NIST FIPS-197 AES Standard. Please go to this link, http://csrc.nist.gov/publications/fips/fips197/fips-197.pdf to see the complete AES standard and algorithm.

Scope: All agencies within the executive branch of Indiana state government

Statutory Authority: IC 4-13.1

References: National Institute of Standards and Technology (NIST) FIPS-197

Effective Date: July 1, 2005 (re-issued)